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 WASHINGTON, D.C. 20231
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Bib Data Sheet

CONFIRMATION NO. 5771

SERIAL NUMBER 09/847,097	FILING DATE 05/01/2001 RULE	CLASS 375	GROUP ART UNIT 2631	ATTORNEY DOCKET NO. 20870-06001
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APPLICANTS

 Francois Trans, Los Altos, CA;
 Tho Le-Ngoc, Anjou, CANADA;

** CONTINUING DATA *****

THIS APPLICATION IS A DIV OF 09/550,395 04/14/2000 - PENDING
 AND CLAIMS BENEFIT OF 60/170,455 12/13/1999
 AND A CIP OF 09/444,007 11/19/1999 - ABN
 AND A CIP OF 09/417,528 10/13/1999 - US PAT. NO 6,553,085
 AND CLAIMS BENEFIT OF 60/104,316 10/13/1998
 AND CLAIMS BENEFIT OF 60/109,340 11/20/1998
 AND CLAIMS BENEFIT OF 60/129,314 04/14/1999
 AND SAID 09/550,395 04/14/2000 - PENDING
 IS A CIP OF PCT/US00/06842 03/15/2000
 THIS APPLICATION 09/847,097
 IS A CIP OF 09/127,383 07/31/1998 6,377,640
 AND CLAIMS BENEFIT OF 60/089,526 06/15/1998
 AND CLAIMS BENEFIT OF 60/085,605 05/15/1998
 AND CLAIMS BENEFIT OF 60/054,415 07/31/1997
 AND CLAIMS BENEFIT OF 60/054,406 07/31/1997

** FOREIGN APPLICATIONS *****

PCT/US00/06842 03/15/2000

 IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** SMALL ENTITY **
 ** 06/26/2001

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 97	TOTAL CLAIMS 12	INDEPENDENT CLAIMS 1
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature _____ Initials _____				

ADDRESS

00758

TITLE

Channel equalization system and method

 FILING FEE
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 420

 FEES: Authority has been given in Paper
 No. _____ to charge/credit DEPOSIT ACCOUNT
 No. _____ for following:

- ☐ All Fees
☐ 1.16 Fees (Filing)
☐ 1.17 Fees (Processing Ext. of time)

	<input type="checkbox"/> 1.18 Fees (Issue)
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Credit _____



IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

APPLICANT(S): Francois Trans and Tho Lo-Ngoc

COPY OF PAPERS
ORIGINALLY FILED

APPLICATION NO.: 09/847,097

FILING DATE: May 1, 2001

TITLE: Channel Equalization System And Method

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EXAMINER: Unassigned

APR 15 2002

GROUP ART UNIT: 2631

Technology Center 2600

ATTY. DKT. NO.: 20870-06001; Case 6001 US

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, Office of Initial Patent Examination, Customer Service Center, Washington, D.C. 20231, on the date shown below:

Dated: 25 Feb 2002

By:

John T. McNelis, Reg. No.: 37,186

COMMISSIONER FOR PATENTS
OFFICE OF INITIAL PATENT EXAMINATION
CUSTOMER SERVICE CENTER
WASHINGTON, DC. 20231

SECOND REQUEST FOR CORRECTED FILING RECEIPT

SIR:

Enclosed is a copy of the Updated Filing Receipt. It contains errors in the 'Domestic Priority Data as claimed by applicant' section. Please have the section read as follows, (items in **bold** have been inserted, changed and/or moved). This corrected Priority data is evidenced by the application data sheet, which was submitted at the time of filing, a copy of which is enclosed. *Applicant requests that the language corrected by the Patent and Trademark Office i.e., 'Claims Benefit of' rather than CIP, is further incorporated, see 1st item in bold.



PATENT

This Application is a DIV of 09/550,395, 4/14/2000

Which Claims Benefit of 60/170,455, 12/13/1999

And A CIP of 09/127,383, 07/31/1998

COPY OF PAPERS
ORIGINALLY FILED

Which Claims Benefit of 60/054,415, 07/31/1997

And Claims Benefit of 60/054,406, 07/31/1997

And Claims Benefit of 60/085,605, 05/15/1998

And Claims Benefit of 60/089,526, 06/15/1998

And Said 09/550,395, 4/14/2000

Is A CIP of PCT/US00/06842, filed 03/15/2000

Which Claims Benefit of 60/129,314, 04/14/1999

And Said 09/550,395, 4/14/2000

Is A CIP of 09/444,007, 11/19/1999

Which Claims Benefit of 60/109,340, 11/20/98

Which Claims Benefit of 09/417, 528, filed on 10/13/99

And Claims Benefit of 60/104,316, filed on 10/13/98

Please issue a corrected Filing Receipt rectifying these errors.

Respectfully submitted,
Francois Trans and Tho Lo-Ngoc

Dated: 23 Feb 2002

By: 

John T. McNelis, Reg. No.: 37,186
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JTM

UNITED STATES PATENT AND TRADEMARK OFFICE

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UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/847,097	05/01/2001	2631	420	20870-06001	97	12	1

00758
FENWICK & WEST LLP
TWO PALO ALTO SQUARE
PALO ALTO, CA 94306

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JAN 14 2002

FENWICK & WEST LLP

CONFIRMATION NO. 5771

UPDATED FILING RECEIPT



OC00000007280573

Date Mailed: 01/08/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Francois Trans, Los Altos, CA;
Tho Le-Ngoc, Anjou, CANADA;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A DIV OF 09/550,395 04/14/2000 4671
AND CLAIMS BENEFIT OF 60/170,455 12/13/1999 4430
AND A CIP OF 09/444,007 11/19/1999 4571
AND A CIP OF 09/417,528 10/13/1999 4511
AND CLAIMS BENEFIT OF 60/104,316 10/13/1998 3659
AND CLAIMS BENEFIT OF 60/109,340 11/20/1998 3697
AND CLAIMS BENEFIT OF 60/129,314 04/14/1999 3724
AND SAID 09/550,395 04/14/2000
IS A CIP OF PCT/US00/06842 03/15/2000
THIS APPLICATION 09/847,097
IS A CIP OF 09/127,383 07/31/1998 3474
AND CLAIMS BENEFIT OF 60/089,526 06/15/1998 3460
AND A CIP OF 09/085,605 05/27/1998 2701
AND CLAIMS BENEFIT OF 60/054,415 07/31/1997 2701
AND CLAIMS BENEFIT OF 60/054,406 07/31/1997 2700

AND CLAIMS BENEFIT OF 60/085,605 05/15/98

Foreign Applications

PCT/US00/06842 03/15/2000

If Required, Foreign Filing License Granted 06/26/2001

Projected Publication Date: 04/18/2002

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

Channel equalization system and method

Preliminary Class

375

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

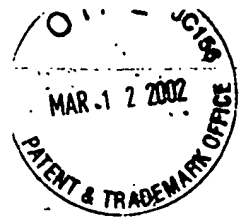
The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



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State or Province of Residence:: California
Country of Residence:: USA
Citizenship Country:: USA
Inventor Two Given Name:: Tho L
Family Name:: Ngoc
Postal Address Line One:: 8221 Du Mail
Postal Address Line Two::
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State or Province:: Quebec
Country:: Canada
Postal or Zip Code:: H1K 1Z5
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State or Province of Residence:: Quebec
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Citizenship Country:: Canada

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Fax One:: (650) 494-1417
Electronic Mail One:: jmcnelis@fenwick.com

APPLICATION INFORMATION

Title Line One:: Channel Equalization System And Method
Total Drawing Sheets:: 97
Formal Drawings?: Yes
Docket Number:: 20870-06001
Secrecy Order in Parent Appl.?: No

REPRESENTATIVE INFORMATION

Representative Customer Number:: 758

CONTINUITY INFORMATION

This application is a:: DIVISION OF
> Application One:: 09/550,395
Filing Date:: 04-14-2000



Which is a::CONTINUATION IN PART OF
>> Application Two:: 60/170,455
Filing Date:: 12-13-1999

This application is a:: CONTINUATION IN PART OF
> Application Three:: 09/444,007
Filing Date:: 11-19-1999

Which is a::CONTINUATION IN PART OF
>> Application Four:: 09/417,528
Filing Date:: 10-13-1999

Which is a::CONTINUATION IN PART OF
>>> Application Five:: 60/104,316
Filing Date:: 10-13-1998

Which is a::CONTINUATION IN PART OF
>>>>Application Six:: 60/109,340
Filing Date:: 11-20-1998

This application is a:: CONTINUATION IN PART OF
> Application Seven:: 60/129,314
Filing Date:: 04-14-1999

This application is a:: CONTINUATION IN PART OF
> Application Eight:: PCT/US00/06842
Filing Date:: 03-15-2000

This application is a:: CONTINUATION IN PART OF
> Application Nine:: 09/127,383
Filing Date:: 07-31-1998

Which is a::CONTINUATION IN PART OF
>> Application Ten:: 60/089,526
Filing Date:: 06-15-1998

Which is a::CONTINUATION IN PART OF ~~CLAIMS BENEFIT OF~~
>>> Application Eleven:: 60/085,605
Filing Date:: 05-15-1998

Which is a::CONTINUATION IN PART OF
>>>>Application Twelve:: 60/054,415
Filing Date:: 07-31-1997

Which is a::CONTINUATION IN PART OF
>>>>> Application Thirteen:: 60/054,406
Filing Date:: 07-31-1997

PRIOR FOREIGN APPLICATIONS

Foreign Application One:: PCT/US00/06842

Filing Date:: 03-15-2000

Country:: PCT

Priority Claimed:: Yes

Source:: PrintEFS Version 1.0.1

COPY OF PAPERS
ORIGINALLY FILEDPTO/SB/17 (10-01)(modified)
OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0002/PTO(modified) & TRADEMARK OFFICE
Rev. 10/2001

FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT

Subtotal (1) + Subtotal (2) + Subtotal (3) = (\$0)

Complete if Known

Application Number	09/847,097
Filing Date	May 1, 2001
First Named Inventor	Francois Trans
Group Art Unit	2631
Examiner Name	Unassigned
Attorney Docket Number	20870-06001

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APR 15 2002

Technology Center 2600

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to:

- ☐ Charge the indicated fees to the below mentioned deposit account.
- ☒ Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account.¹
- ☐ Applicant claims small entity status See 37 CFR 1.27

Deposit Account Number: 19-2555

Deposit Account Name: FENWICK & WEST LLP

A Duplicate Copy of this authorization is attached

2. ☐ Payment Enclosed:☐ Check ☐ Credit Card ☐ Other

FEE CALCULATION (fees effective 10/01/2001)

1. FILING FEE

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
101/\$740	201/\$370	Utility Filing	
106/\$330	206/\$165	Design Filing	
108/\$740	208/\$370	Reissue	
114/\$160	214/\$80	Provisional Filing	
SUBTOTAL (1)			(\$0.00)

2. CLAIMS

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description
103/\$18	203/\$9	Claims in excess of 20
102/\$84	202/\$42	Independent claims in excess of 3
104/\$280	204/\$140	Multiple dependent claim
109/\$84	209/\$42	Reissue independent claims over original patent
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent

3. ADDITIONAL FEES

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
105/\$130	205/\$65	Surcharge - late filing fee or oath	
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	
147/\$2,520	147/\$2,520	For filing a request for reexamination	
115/\$110	215/\$55	Extension for response within first month ¹	
116/\$400	216/\$200	Extension for response within second month ¹	
117/\$920	217/\$460	Extension for response within third month ¹	
118/\$1,440	218/\$720	Extension for response within fourth month ¹	
128/\$1,960	228/\$980	Extension for response within fifth month ¹	
119/\$320	219/\$160	Notice of Appeal	
141/\$1,280	241/\$640	Petition to revive unintentionally abandoned application	
142/\$1,280	242/\$640	Utility Issue Fee (Or Reissue)	
143/\$460	243/\$230	Design Issue Fee	
122/\$130	122/\$130	Petitions to the Commissioner	
126/\$180	126/\$180	Submission of Information Disclosure Statement	
179/\$740	279/\$370	Request for Continued Examination (RCE)	
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	
146/\$740	246/\$370	Filing a submission after final rejection (37 CFR 1.129(a))	
149/\$740	249/\$370	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify):			
Other fee (specify):			
SUBTOTAL (3)			(\$0.00)

(Col. 1)		(Col. 2)		(Col. 3)		Fee	Fee Due
For	No. of Existing Claims	minus*	Highest No. Previously Paid For	=	Extra**		
TOTAL		minus*	20 or 0	=		x	=
INDEP		minus*	3 or 0	=		x	=
[] First presentation of multiple dependent claim							

* Subtract the greater number of Col. 2

** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

SUBTOTAL (2) (\$0.00)

SUBMITTED BY

Typed or Printed Name John T. McNelis

Signature

Complete (if applicable)

Reg. Number 37,186

Date

23 Feb 2002



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ORIGINALLY FILED

PTO/SB/21 (modified)

Approved for use through xx/xx/xx, OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0001/PTO
Rev. 10/95

U.S. Department of Commerce
Patent and Trademark Office

TRANSMITTAL FORM

(to be used for all correspondence during pendency of
filed application)

Application Number	09/847,097
Filing Date	May 1, 2001
First Named Inventor	Francois Trans
Group Art Unit Number	2631
Examiner Name	Unassigned
Attorney Docket Number	20870-06001

Total Number of Pages in This Submission

10

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ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Check Enclosed	<input type="checkbox"/> Issue Fee Transmittal
<input checked="" type="checkbox"/> Return Receipt Postcard	<input type="checkbox"/> Letter to Chief Draftsperson
<input type="checkbox"/> Response to Notice to File Missing Parts	<input type="checkbox"/> Formal Drawing(s): [] Sheet(s) of Figure(s) []
<input type="checkbox"/> Assignment & Recordation Cover Sheet	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Declaration	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Power of Attorney	<input type="checkbox"/> Certified Copy of Priority Document(s)
<input checked="" type="checkbox"/> Copy of Application Data Sheet	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Information Disclosure Statement & PTO-1449 <input type="checkbox"/> Copies of IDS Cited References	<input checked="" type="checkbox"/> Copy of Updated Filing Receipt
<input checked="" type="checkbox"/> Second Request for Corrected Filing Receipt	<input type="checkbox"/>
<input type="checkbox"/> Request for Correction of Recorded Assignment	<input type="checkbox"/>
<input type="checkbox"/> Amendment/Response: [] Page(s) <input type="checkbox"/> After Final	<input type="checkbox"/>
<input type="checkbox"/> Status Request	<input type="checkbox"/>
<input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/>

Technology Center 2600

REMARKS:

SIGNATURE OF ATTORNEY OR AGENT

Signature:			
Attorney/Reg. No.:	John T. McNelis, Reg. No. 37,186	Dated:	23 Feb 2002

CERTIFICATE OF MAILING

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Signature:			
Typed or Printed Name:	John T. McNelis	Dated:	23 Feb 2002
Express Mail Mailing Number (optional):			